

ABSTRACT OF THE DISCLOSURE

A membrane module is made by inserting ends of membranes into a container and injecting resin directly into a space between adjacent membranes. The container may be a header shell having ducts for injecting the resin from outside of the header to the space between the adjacent
5 membranes. The ducts may pass through a part of the header which forms a permeate cavity. The permeate cavity may be filled with a fugitive material while the resin is being injected.